Code Installation Notes

Pre-installation Options

Tcl/Tk (8.3.2) is required to use the Graphical User Interface (GUI)
http://www.scriptics.com

Ghostscript (6.5) & Ghostview (3.6) to display and print the Postscript output
Installation should be to the \gs and \ghostgum directories.
http://www.cs.wisc.edu/~ghost

ImageMagick (5.3) to convert Postscript files to other graphical formats
Installation should be to the *c:\ImageMagick* directory.
http://www.imagemagick.org

Installation to different directories may require editing: *\guicode\hysplit4.tcl*.

HYSPLIT self-installing executable

setup47U.exe (25 Mb) – trial version, does not support forecast data
setup47R.exe (15 Mb) – complete version requires web site registration

Installed Directories

Arcview – information on ESRI shapefiles
Bdyfiles – surface height, land-use, and roughness length files
Browser – custom tcl scripts to support the GUI help browser interface
Concmdl – scripts and files to automate and customize concentration simulations
Csource – dll files required for the particle viewer & editor
data2arl – programs to convert meteorological data to the HYSPLIT format
document – most recent version of the technical documents and User's Guide
exec – all executables can be found in this directory
grads – source code to convert HYSPLIT output and meteorological data to grads
graphics – map backgrounds and map customization files
guicode – tcl scripts required to run the GUI
html – help files
metdata – sample meteorological data file and program to read the data
source – subroutines to compile the meteorological data conversion programs
trajmdl – sample scripts and files to customize trajectory simulations
vis5d – source code for program to convert concentration output to vis5d